

***U.S. Patent Application of Miyamoto et al. – Serial No. 09/866,954***  
***Response to ex parte Quayle Action – Art Unit: 2634***

REMARKS

This Response is in answer to the Examiner's ex parte Quayle action of January 19, 2005. The Examiner's comments in that Action have been carefully considered. The Examiner's ex parte Quayle had a term of 2 months, to March 19, 2005. Applicants respectfully request that this term be extended by another 3 months from March 19, 2005, to June 20, 2005, and that the extension fee of \$1,020.00 be charged to our account number 10-0100.

The Examiner states in the Notice of Allowability (p. 1) that "Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice of *ex parte Quayle*." Pending claims 1-3 are not rejected, but they and the specification are objected to.

The specification is objected to because, at the bottom of page 6, it recites "inpulse recitation" instead of "impulse recitation." The present Response has corrected that typological error, and this objection should now be overcome.

Claims 1-3 are rejected as follows:

(1) These claims appear to be a literal translation and are full of grammatical and idiomatic errors. Claims 1-3 have now been reviewed and amended in view of standard English usage and style, and it is believed that they now recite the matter claimed in a clear and definite manner, and that this objection has been overcome.

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(2) In claim 1, line 32, the phrase “instant symbol” must be clarified. The original phrase read as follows: “for carrying out area decision operation for each of respective equalized signals of instant symbol in a case where any appearance of decision error is predicted ... ” This has been rewritten as:

functioning to carry out area determination operations for each of said respective equalized signals of a given symbol where any appearance of error in determination is predicted ...

(3)-(4) In claim 1, on lines 35-37, the phrases “one preceding symbol” and “said decided data” have been objected to as needing more specific definition .

The original phrase “instant symbol presumed to be correct in its equalized signals, said decided data of the instant symbol obtained by demodulating the equalized signal, and decided data of the one preceding symbol employed for equalizing the just equalized signal, said decided data fo the instant symbol being applied to said first waveform equalizing means...” has now been rewritten as:

the given symbol presumed to be correct in its equalized signals, this determined data as to the given symbol being obtained by demodulating the equalized signal, and a determined piece of data of a just preceding symbol being employed for equalizing the just-equalized signal, said determined date of the given symbol being applied to said first waveform equalizing means ...

This rewriting of these three phrases should clarify their meaning and overcome the Examiner’s last three objections to the language of claim 1.

Having overcoming the error in the specification and the awkwardness and indefiniteness of some of the language of claims 1-3, this application should now

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be in condition for allowance. Allowance and early issuance is respectfully solicited.

*Applicant hereby petitions that any and all extensions of time of the term necessary to render this response timely be granted. COSTS FOR SUCH EXTENSION(S) AND/OR ANY OTHER FEE DUE WITH THIS FEE DUE WITH THIS PAPER THAT ARE NOT FULLY COVERED BY AN ENCLOSED CHECK MAY BE CHARGED TO DEPOSIT ACCOUNT #10-0100.*

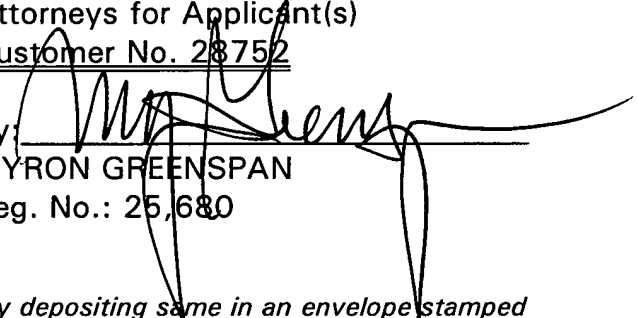
**Date: June 20, 2005**

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**Respectfully submitted,**

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***Certificate of Deposit by Mail***

*I hereby certify that this correspondence is being filed by depositing same in an envelope stamped first-class mail, addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, in a duly marked U.S.P.S. drop box, with appropriate postage, on the following date:*

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Name



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June 20, 2005

Date